# INTRAMYOCARDIAL LEAD IMPLANTATION SYSTEM AND METHOD

## ABSTRACT OF THE DISCLOSURE

A system and method for placement of cardiac monitoring and stimulation leads. A lead is advanced into a myocardium of the patient's heart through a lead introducing system, and an electrode is implanted within the myocardium. The method may include gaining access with a cannula from an outer chest wall to the myocardium. Space is created in the myocardium using the lead introduction system. Aspects include eluting a steroid from the lead and into the myocardium, affixing the lead into myocardial tissue using an active fixation mechanism, such as a helical coil, and stabilizing the lead by suturing, clipping, stapling, or other method. A dilating sheath may be used to create a space within the myocardium sufficient in size to accommodate an implantable myocardial electrode. The system may include an implantation depth indicator such as a shoulder, a cuff, or a skirt on the lead.